



Interna d Application No PCT/GB 03/04560

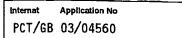
A. CLASSIF	RCATION OF SUBJECT MATTER E01C13/12							
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According to	International Patent Classification (IPC) or to both national classificat	ion and iPC						
B. FIELDS								
Minimum do IPC 7	cumentation searched (classification system followed by classification $E01C$	n symbols)						
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched								
Electronic de	ata base consulted during the international search (name of data bas	e and, where practical, search terms used)						
PAJ, WPI Data, EPO-Internal								
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT							
Category •	Citation of document, with Indication, where appropriate, of the rele	vant passages	Relevant to claim No.					
X Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 299 (M-1274), 2 July 1992 (1992-07-02) -& JP 04 083006 A (TORAY IND INC) 17 March 1992 (1992-03-17) abstract; figure 3	,	1,2,13, 14,22, 27,28, 33–35 3–5, 7–12,17,					
		/	19-21, 23-26,32					
X Furti	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.					
'A' docume consic 'E' earlier ifiling c 'L' docume which citatio 'O' docume other 'P' docume later ii	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the International date and which may throw doubts on priority claim(s) or is cited to establish the publication date of another in order special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	"Y" later document published after the international filing date or priority date and not in conflict with the application but died to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8" document member of the same patent family						
Date of the actual completion of the international search Date of mailing of the international search report 27/01/2004								
	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer						
	NL. – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Movadat, R						

INTERNATIONAL SEARCH REPORT

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
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Y	17 February 1998 (1998-02-17) abstract; figures	7-9,17, 23-26		
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